Identification of Water Rich and Water Poor Basins

101. SHRI A. VIJAYARAGHAVAN: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether steps have been initiated for identifying water rich and water poor basins as a part of the linking of major river of the country;

(b) if so, the details of such basins identified as on today;

(c) whether any water rich river basins have been identified in Kerala;

(d) if so, the details thereof including the details of rivers associated with the basin;

(e) whether the suggestions of the State Government of Kerala have been sought regarding the above basins; and

(f) if so, details thereof including the report submitted by Government of Kerala in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) Yes Sir.

(b) National Water Development Agency (NWDA) has conducted water balance studies and has identified 23 water surplus & 11 water deficit basins.

(c) Yes, Sir.

(d) to (f) The Pamba & Achankovil basins/sub-basins have been identified as water surplus basins. The Kerala Government has informed that Pamba & Achankovil rivers will be water short at the ultimate stage of development as per the study carried out by Centre for Water Resources Development and Management (CWRDM), Kozhikode, Kerala.

Plan to Interlink Major Rivers in Country

102. DR. ARUN KUMAR SARMA: Will the Minister of WATER RESOURCES be pleased to state:

(a) the details of plan to interlink all major rivers in the country;

(b) the river-wise details of plan thereof made by Government during the Tenth Plan;

(c) whether Government are aware that China has drawn up its own road map to divert rivers originating in the Tibet including Brahmaputra river; and

(d) if so, Government's reaction thereto?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) and (b) The erstwhile Ministry of Irrigation (now Ministry of Water Resources) and Central Water Commission (CWC) formulated a National Perspective Plan (NPP) for Water Resources Development in 1980 envisaging interbasin transfer of water from surplus basins to deficit basins/areas with a view to optimally utilize the available water resources. NPP comprises of two components, namely, Himalayan Rivers Development Component and Peninsular Rivers Development Component. Based on various water balance and prefeasibility studies carried out by National Water Development Agency (NWDA), an autonomous body under the Ministry of Water Resources, 30 links (14 under Himalayan Component and 16 under Peninsular Component) have been identified for preparation of Feasibility Reports (FR's). List of the links identified by NWDA for preparation of FR's is attached as Statement (*See below*). Out of the 30 identified links, NWDA has completed FRs of 6 links under Peninsular Component prior to the 10th Plan (2002—07). During the 10th Plan, FRs for two more links have been completed and Field surveys & investigations for preparation of FRs in respect of 16 links are under progress and programmed to be completed by 2005.

(c) and (d) Government is aware of the reports regarding the alleged plan of China to divert rivers originating from Tibet including Brahmaputra. However, the Chinese side has informed that their Government has not taken any decision in this regard.

Statement

List of water transfer links identified for preparation of Feasibility report by NWDA

Peninsular Rivers Development Component

1. Mahanadi (Manibhadra)-Godavari (Dowlaiswaram) link
2. Godavari (Polavaram)-Krishna (Vijayawada) link
3. Godavari (Inchampalli Low Dam)-Krishna (Nagarjunasagar Tail Pond) link
4. Godavari (Inchampalli)-Krishna (Nagarjunasagar) link
5. Krishna (Nagarjunasagar)-Pennar (Somasila) link

6. Krishna (Srisailam)-Pennar link
7. Krishna (Almatti)-Pennar link
8. Pennar (Somasila)-Cauvery (Grand Anicut) link
9. Cauvery (Kattalai)-Viagai (Gundar) link
10. Parbati-Kalisindh-Chambal link
11. Damanganga-Pinjal link
12. Par-Tapi-Narmada link
13. Ken-Betwa link
14. Pamba-Achankovil-Vaippar link
15. Netravati-Hemavati link
16. Bedti-Varda link

Himalayan Rivers Development Component

1. Kosi-Mechi link
2. Kosi-Ghaghra link
3. Gandak-Ganga link
4. Ghaghra-Yamuna link
5. Sarda-Yamuna link
6. Yamuna-Rajasthan link
7. Rajasthan-Sabarmati link
8. Chunar-Sone Barrage link
9. Sone Dam-Southern Tributaries of Ganga link
10. Brahmaputra-Ganga link (Manas-Sankosh-Tista-Ganga)
11. Brahmaputra-Ganga link (Jogighopa-Tista-Farakka)
12. Farakka-Sunderbans link*
13. Ganga-Damodar-Sunernarekha link
14. Subernarekha-Mahanadi link

*Survey and Investigation to be done by Government of West Bengal